

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100722\
 Data File : VY010860.D
 Acq On : 07 Oct 2022 10:35
 Operator : KP/MD
 Sample : VY1007SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1007SBL01

Quant Time: Oct 08 04:45:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	221441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	384608	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	339527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148182	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	130985	58.356	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.720%
35) Dibromofluoromethane	7.716	113	123238	48.271	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.540%
50) Toluene-d8	10.179	98	459975	52.682	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.360%
62) 4-Bromofluorobenzene	12.483	95	139541	40.185	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.380%

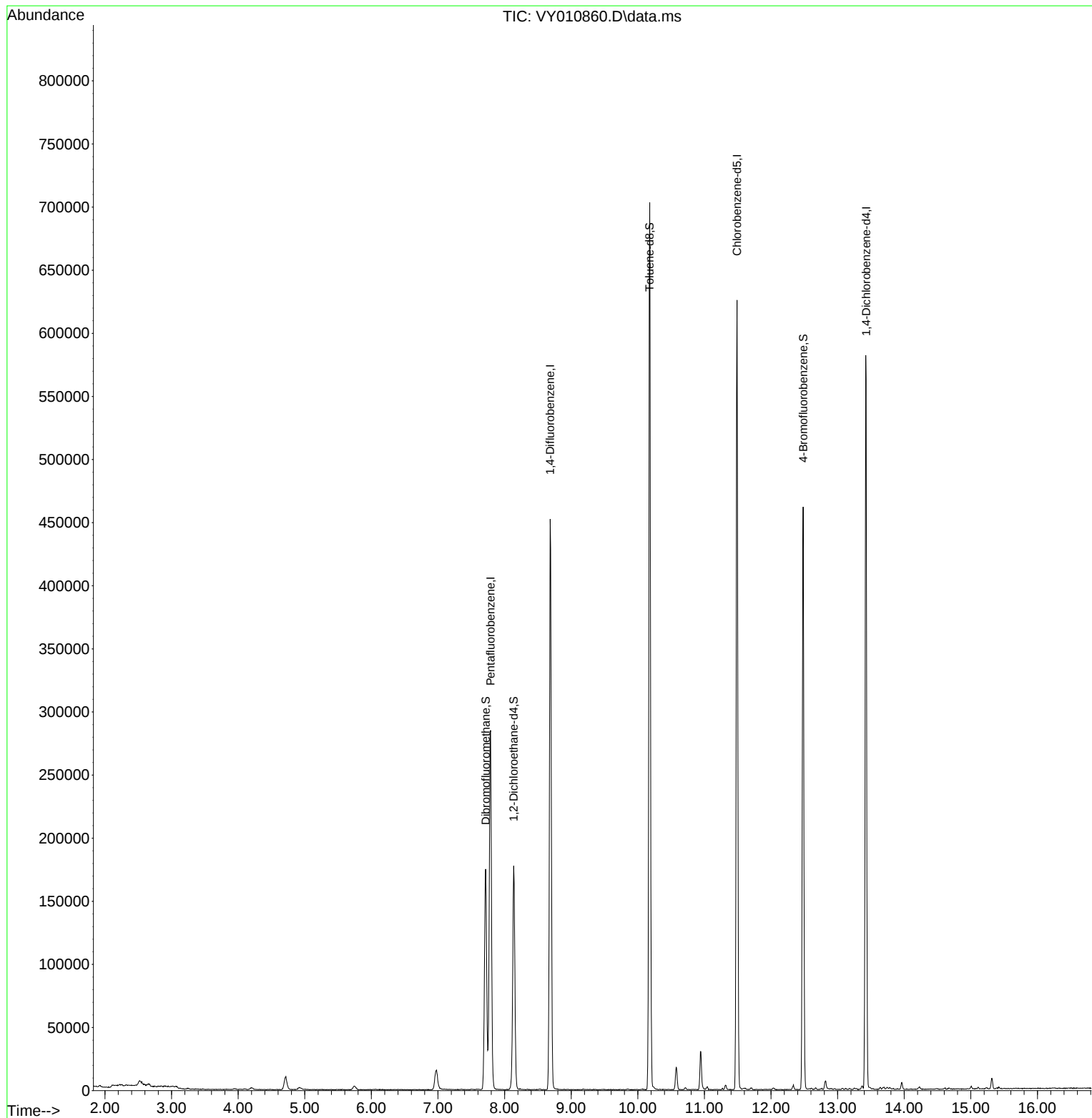
Target Compounds	Qvalue

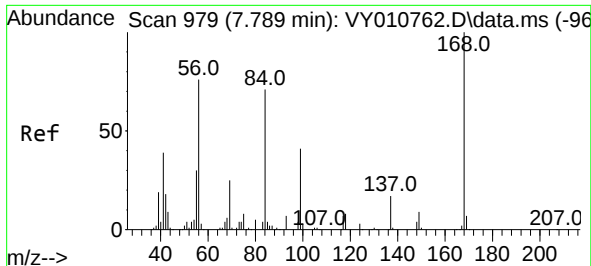
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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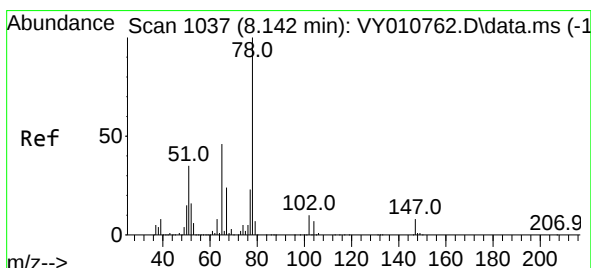
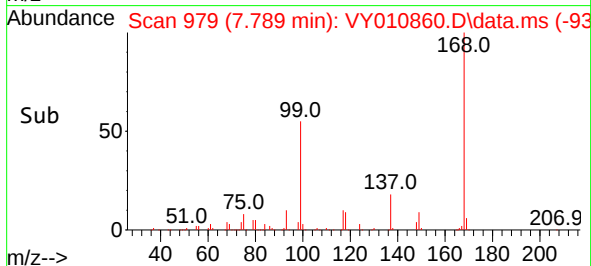
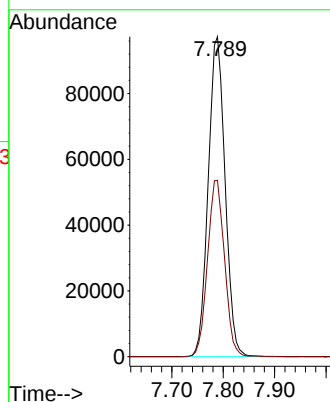
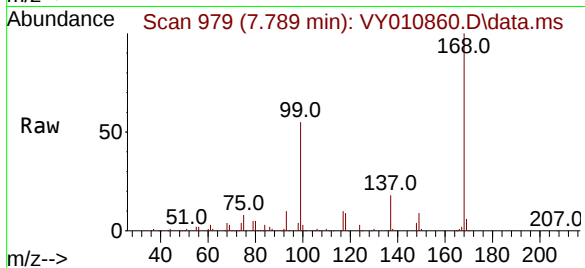




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010860.D
Acq: 07 Oct 2022 10:35

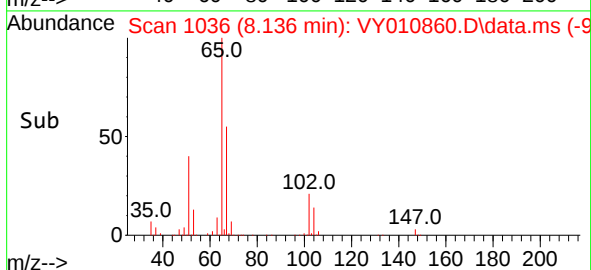
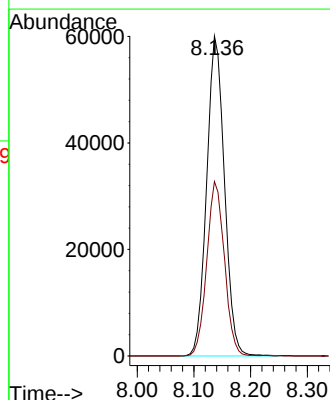
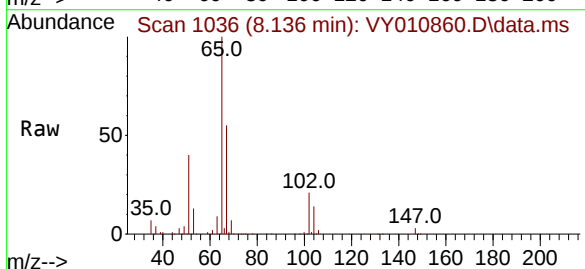
Instrument :
MSVOA_Y
ClientSampleId :
VY1007SBL01

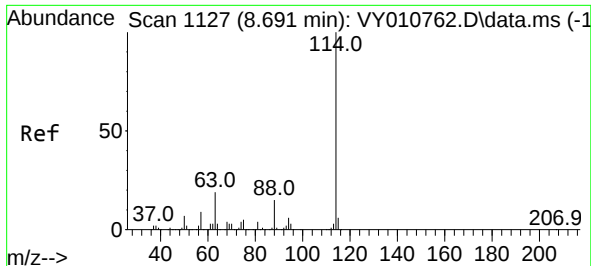
Tgt Ion:168 Resp: 221441
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 58.356 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010860.D
Acq: 07 Oct 2022 10:35

Tgt Ion: 65 Resp: 130985
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010860.D

Acq: 07 Oct 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY1007SBL01

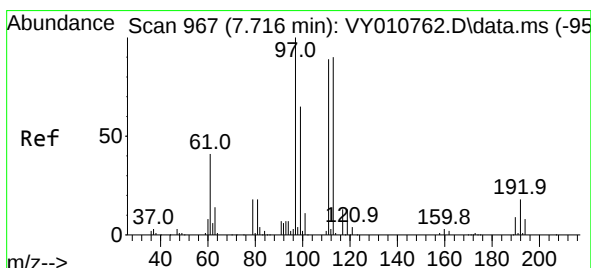
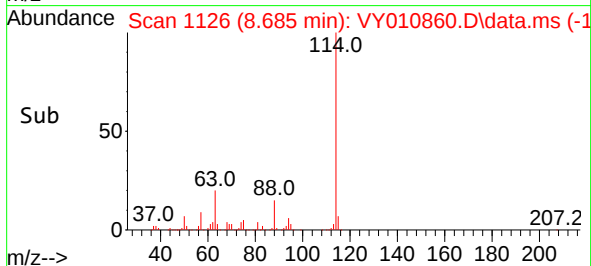
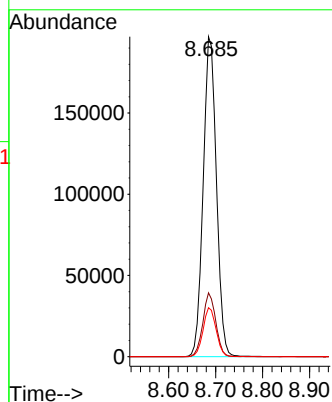
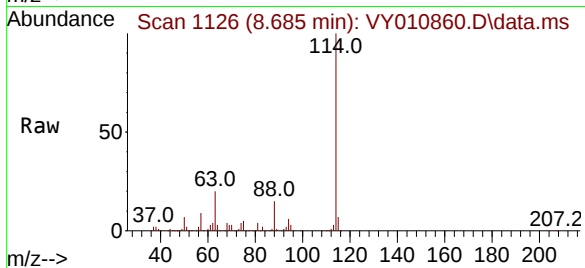
Tgt Ion:114 Resp: 384608

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.271 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010860.D

Acq: 07 Oct 2022 10:35

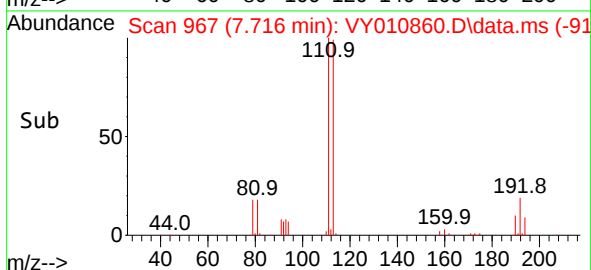
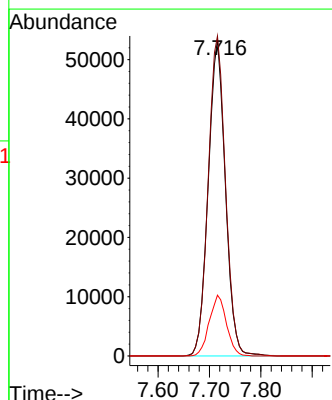
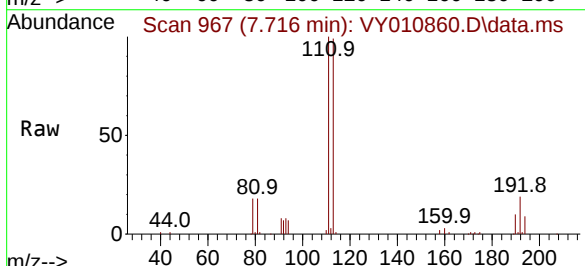
Tgt Ion:113 Resp: 123238

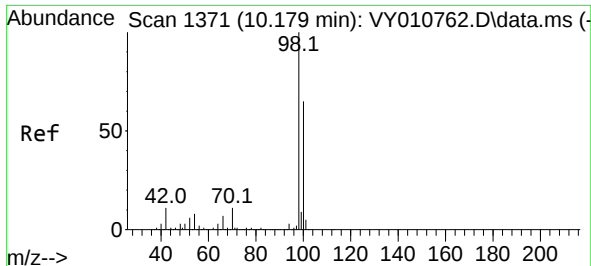
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 19.3 17.6 26.4

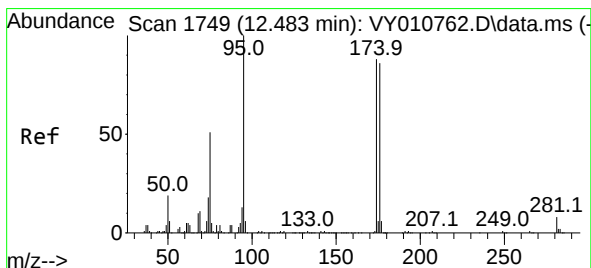
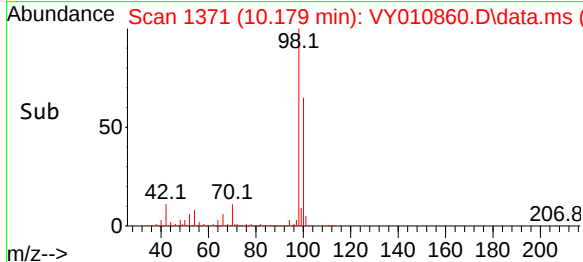
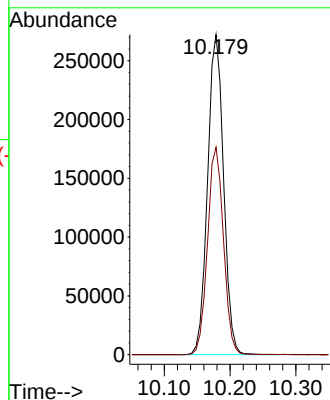
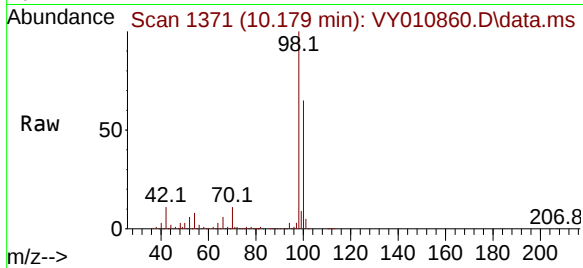




#50
Toluene-d8
Concen: 52.682 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010860.D
Acq: 07 Oct 2022 10:35

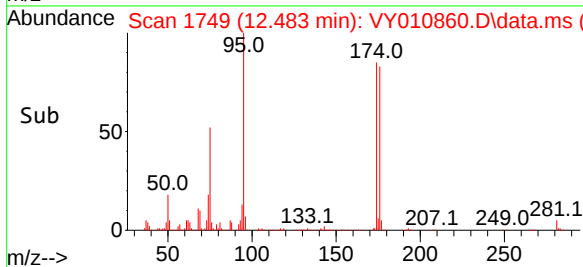
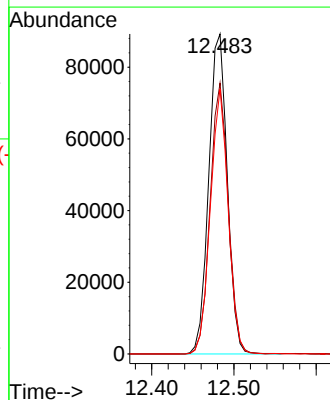
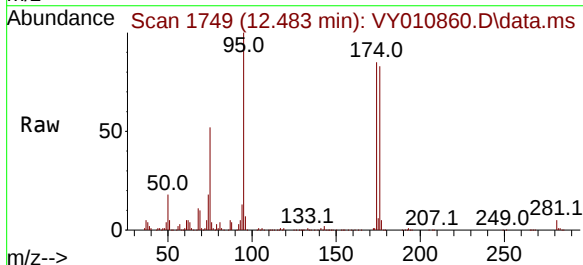
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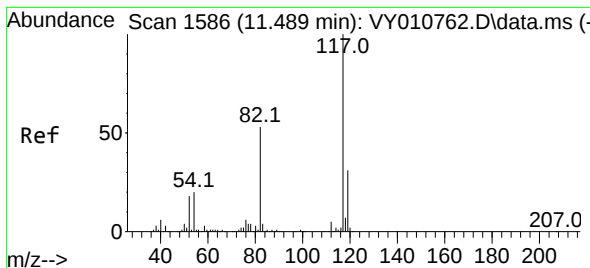
Tgt Ion: 98 Resp: 459975
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.185 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010860.D
Acq: 07 Oct 2022 10:35

Tgt Ion: 95 Resp: 139541
Ion Ratio Lower Upper
95 100
174 83.4 0.0 177.0
176 79.6 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010860.D

Acq: 07 Oct 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY1007SBL01

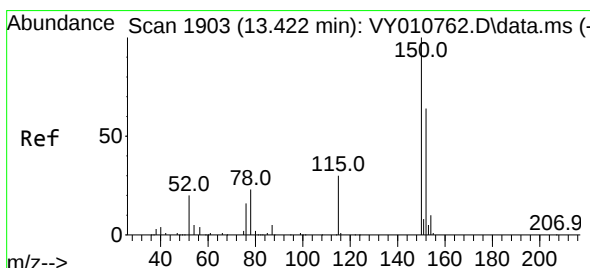
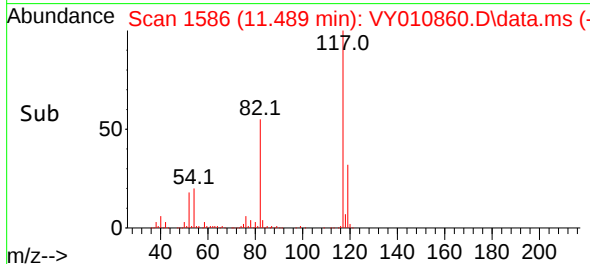
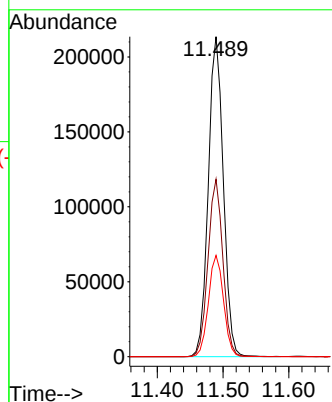
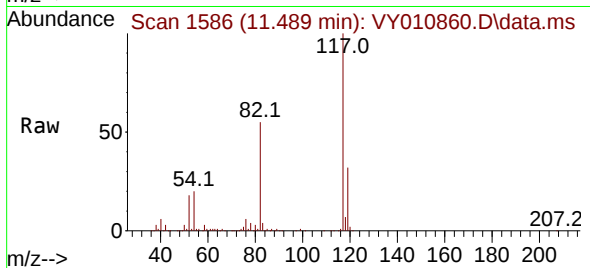
Tgt Ion:117 Resp: 339527

Ion Ratio Lower Upper

117 100

82 55.4 43.0 64.4

119 31.7 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY010860.D

Acq: 07 Oct 2022 10:35

Tgt Ion:152 Resp: 148182

Ion Ratio Lower Upper

152 100

115 58.8 28.2 84.7

150 157.7 0.0 347.6

